

ABSTRACT**~~Solid-state X-ray detector~~**

~~The present invention relates to a~~ A solid-state X-ray detector comprising a photosensitive sensor ~~[(1)]~~ combined with a radiation converter ~~[(5)]~~ or scintillator is described. The radiation detector includes an entry window ~~[(8, 9)]~~ through which the X-rays upstream of the scintillator ~~[(5)]~~ pass, and means for applying an electrical voltage between the entry window ~~[(8, 9)]~~ and the photosensitive sensor ~~[(1)]~~.

~~Figure 1~~